

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	8	"222"/\$.ccls. AND (valve ADJ ball) NEAR5 plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/16 16:03
L11	25	("3709437"   "4044923"   "4429834"   "4836422"   "4925106"   "5099885"). PN. OR ("5156307"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/16 17:35
S1	1353	222/321.7-321.9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/21 15:42
S2	96	222/321.7-321.9.ccls. AND telescop\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/21 15:42
S3	2	"6367659".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/26 14:01
S4	117	("6065640" "6193106" "4526300" "4620646" "4979646" "4995532" "5228586" "5277334" "5375745" "5492248" "4311256" "4320758" "4366921" "4485943" "5613422" "5732853" "5878916" "6010039" "6189739" "3827603" "4036406" "4046495" "4057176" "4162746" "4303110" "4322018" "4324351" "4352443" "4371097" "4410107" "4420394" "4436225" "4458832" "4492320" "4502501" "4509518" "4591077" "4596344" "4624254" "4773553" "4778080" "4821559" "4854338" "4865228" "4865230" "4879917" "4898302" "4902281" "4919305" "4944430" ). pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 10:15
S5	3	"4071172".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/27 10:18

S6	2	"6013270".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/27 10:19
S7	1	10/595405	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/27 10:19
S8	24	("3627206"   "3759426"   "4162746"   "4589573"   "4958752"   "5284276"   "5335830"   "5405057"   "5423459"   "5615806"   "5772080").PN. OR ("5899363").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:22
S9	19	("2738107"   "3340869"   "3712295"   "4098434"   "4296071"   "4349129"   "4411656"   "5242422"   "5306125"   "5328060"   "5462208"   "5538506"   "5613957"   "5638986"   "5683369"   "5950690"   "6045003").PN. OR ("6367659").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:24
S10	45	("2362080"   "3239151"   "3282472"   "3378205"   "3908870"   "3934763"   "4025046"   "4061247"   "4117957"   "4215804"). PN. OR ("4371097"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:24
S11	20	("3471065"   "3949906"). PN. OR ("4071172"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:26
S12	2	08/612667	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:29
S13	13	("3362344"   "5458289"   "5464129"   "5476196"   "5497915"   "5524793"   "5642908").PN. OR ("5826756").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:30
S14	36	(Schulte ADJ Frank) OR (Boehnisch ADJ Karsten) OR (Neuhaus ADJ Reinhard) OR (Knoblich ADJ Cristin) OR (Menzel ADJ Norbert)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 10:42
S15	397	222/321.7-321.9.ccls. AND sleeve	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/08/27 10:46

S16	48	("20020056730"   "20020070238"   "3359917"   "4219159"   "4277001"   "4349131"   "4402432"   "4438871"   "4516727"   "4850517"   "4932567"   "5071379"   "5271530"   "5337929"   "5351862"   "5429279"   "5443569"   "5570819"   "5715973"   "5732855"   "5752626"   "5775547"   "5779104"   "5794821"   "5813576"   "5918771"   "5927561"   "6053364"   "6053368"   "6082588"   "6119899"   "6206303"   "6220483"   "6299028"   "6302304"   "6446840"   "6669056"   "D452822"   "D456260"). PN. OR ("6840408"). URFN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 11:06
S17	20	("3333741"   "4054139"   "4694976"   "4722731"   "4973320"   "5154325"   "5232687"   "5927559"). PN. OR ("6053368"). URFN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 11:15
S18	5	("5232687"   "5614172"   "6053368"   "6095376"   "6234365"). PN. OR ("7249693"). URFN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 11:17
S19	6	("5492251"   "5549223"   "5738250"   "5806721"). PN. OR ("6357629"). URFN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 11:18
S20	21	("3062416"   "3179306"   "3282472"   "3391647"   "4344744"   "4728008"   "5401148"). PN. OR ("5738250"). URFN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 11:23
S21	829	222/321.9.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 14:28
S22	37	"222"/\$.ccls. AND telescop \$ AND (dispenser ADJ head)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/27 14:57
S23	71	222/379.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/02 10:07
S24	63	222/286.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/02 10:37

S25	265	222/320.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/02 10:38
S26	12	("4371097"   "4515298"   "4685594"   "4856679"   "4875604"   "4890773"   "4967937"   "5152434"   "5687884"   "6013270"   "6158625"   "RE33247"). PN. OR ("6955278"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 10:52
S27	12	("4371097"   "4515298"   "4685594"   "4856679"   "4875604"   "4890773"   "4967937"   "5152434"   "5687884"   "6013270"   "6158625"   "RE33247"). PN. OR ("6955278"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 10:56
S28	13	("3268123"   "4629097"   "4691847"   "4793522"   "4821926"   "4826044"   "4848595"   "4856679"). PN. OR ("4967937"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 10:57
S29	41	("2616422"   "3166221"   "3304977"   "3323682"   "3561644"   "4147279"   "4322018"   "4362255"   "4378069"   "4484351"   "4732299"   "4801046"   "4842165"   "4880125"   "4972969"   "4989758"   "5020694"   "5038963"   "5076471"   "5092496"   "5226563"   "5271528"   "5295615"   "5305920"   "5305921"   "5332124"   "5335827"   "5348392"   "5454486"   "5492249"   "5667102").PN. OR ("5842604").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 10:59

S30	48	("20020056730"   "20020070238"   "3359917"   "4219159"   "4277001"   "4349131"   "4402432"   "4438871"   "4516727"   "4850517"   "4932567"   "5071379"   "5271530"   "5337929"   "5351862"   "5429279"   "5443569"   "5570819"   "5715973"   "5732855"   "5752626"   "5775547"   "5779104"   "5794821"   "5813576"   "5918771"   "5927561"   "6053364"   "6053368"   "6082588"   "6119899"   "6206303"   "6220483"   "6299028"   "6302304"   "6446840"   "6669056"   "D452822"   "D456260"). PN. OR ("6840408"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:02
S31	20	("5615806"   "6840408"   "D272988"   "D320348"   "D398529"   "D452822"   "D463743"   "D466812"   "D470043"   "D471105"   "D480642"   "D480643"   "D484402"   "D484403"   "D485747"   "D488716"   "D499333"   "D499966"   "D507486"   "D524166"). PN. OR ("D548596"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:04
S32	46	("D219427"   "D219909"   "D253337"   "D256886"   "D267454"   "D270235"). PN. OR ("D272988"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:06
S33	0	D9448.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:07
S34	0	D448.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:07
S35	1162	D9/448.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:07
S36	14	("D452653"   "D466017"   "D470043"   "D484402"   "D499333"   "D507486"   "D508412"   "D524166"   "D536971"   "D536972"   "D536973"   "D539648"   "D558590"). PN. OR ("D568154"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:17

S37	37	("D168390"   "D324339"   "D349045"   "D364092"   "D370849"   "D376980"   "D386085"   "D398529"   "D398535"   "D398536"   "D407304"   "D409092"   "D416805"   "D436863"   "D460348"   "D462272"   "D465150"   "D467163"   "D467814"   "D470043"   "D481639"   "D485747"   "D497108"   "D499333"   "D506140"   "D512642"). PN. OR ("D524166"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:18
S38	34	("D048140"   "D094246"   "D106153"   "D211316"   "D303083"   "D349045"   "D356248"   "D370849"   "D376980"   "D378662"). PN. OR ("D398536"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:20
S39	33	("D048140"   "D094246"   "D106153"   "D211316"   "D303083"   "D349045"   "D356248"   "D370849"   "D376980"   "D378662"). PN. OR ("D398535"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 11:21
S40	21	"222"/\$.ccls. AND (third ADJ sleeve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/02 16:21
S41	545	"222"/\$.ccls. AND sleeve AND telescop\$ AND dispens\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/02 16:31
S42	0	("2003/0160071").URPN.	USPAT	ADJ	OFF	2008/09/02 16:45
S43	0	"10297377"	USPAT	ADJ	OFF	2008/09/02 16:45
S44	1	"10/297377"	USPAT	ADJ	OFF	2008/09/02 16:45
S45	6	("2119884"   "4277001"   "4371098"   "4723692"   "6186372").PN. OR ("6974055").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 16:45
S46	13	("3362344"   "5458289"   "5464129"   "5476196"   "5497915"   "5524793"   "5642908").PN. OR ("5826756").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 16:57

S47	89	222/321.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:02
S48	9	("4532967"   "4964547"). PN. OR ("5692649"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:07
S49	5	("4532967"   "5405038"   "5692649"   "5769274"   "6053368").PN. OR ("6666355").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:08
S50	20	("3359917"   "3406909"   "4347953"   "4452379"   "4991747"   "5238156"). PN. OR ("5518377"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:10
S51	2	"3359917".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:12
S52	24	("2992052"   "3129854"   "3596808"   "4728008"   "4817829"   "5037009"   "5085350").PN. OR ("5449094").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/02 17:15
S53	25	("3359917").URPN.	USPAT	ADJ	OFF	2008/09/02 17:47
S54	755	222/321.9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/08 11:51
S55	13	("3362344"   "5458289"   "5464129"   "5476196"   "5497915"   "5524793"   "5642908").PN. OR ("5826756").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/08 11:57
S56	1140	222/340.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/08 16:05
S57	92	222/340.ccls. AND telescop\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/08 16:06
S58	7	("3332585"   "4273257"   "4306670").PN. OR ("6015067").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/08 16:11
S59	7	("3332585"   "4273257"   "4306670").PN. OR ("6015067").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/09 09:00
S60	2	"3471065".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/09 09:14
S61	21	(pump\$4 OR dispens\$4) WITH (telescop\$6 WITH sleeve WITH (three OR third))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/09 09:30

S62	165	(pump\$4 OR dispens\$4) AND (telescope\$6 WITH sleeve WITH (three OR third))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/09 09:33
S63	170	(pump\$4 OR dispens\$4) AND (telescope\$6 WITH sleeve WITH (three OR third))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/09/09 09:34
S64	8	("3489322"   "4315582"   "4396132"   "4410107"   "4674659").PN. OR ("6302305").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/09 09:43
S65	3	("2721003").URPN.	USPAT	ADJ	OFF	2008/09/09 10:01
S66	101	telescope\$6 WITH (actual \$4 or dispens\$4) WITH (((three OR third) NEAR5 (sleeve OR section))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/09/09 10:09
S67	0	("1354246").URPN.	USPAT	ADJ	OFF	2008/09/09 10:15
S68	65	(Schulte ADJ Frank) OR (Boehnisch ADJ Karsten) OR (Neuhaus ADJ Reinhard) OR (Knoblich ADJ Cristin) OR (Menzel ADJ Norbert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 10:15
S69	3	CH "679660"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 10:28
S70	5	"222"/\$.cls. AND telescope \$ WITH (((three OR third) NEAR4 (sleeve OR section))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 10:41
S71	0	("3082916").URPN.	USPAT	ADJ	OFF	2008/09/09 10:43
S72	0	("3082916").URPN.	USPAT	ADJ	OFF	2008/09/09 10:43
S73	0	("2007/ 0045348").URPN.	USPAT	ADJ	OFF	2008/09/09 10:43
S74	17	telescope\$ WITH (((three OR third) NEAR4 (sleeve OR section)) WITH (pump \$4 OR dispens\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 10:44
S75	22	telescope\$ WITH (((three OR third) NEAR4 (sleeve OR section OR stage)) WITH (pump\$4 OR dispens\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 11:28



S76	48	increase ADJ pump ADJ stroke	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 11:30
S77	465	telescop\$6 NEAR4 cylinder WITH (three or third)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 11:35
S78	131	telescop\$6 NEAR4 cylinder AND (pump NEAR4 stroke)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2008/09/09 11:36
S79	0	EPO806249	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/15 11:10
S80	14	"806249"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/15 11:11
S81	9	"2122692"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2008/09/15 11:11

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